

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L18	1	"6280559".pn.	USPAT	OR	OFF	2010/03/23 04:57
L19	14	(US-20040053125-\$ or US-20060152137-\$).did. or (US-5444330-\$ or US-3659149-\$ or US-4464602-\$ or US-6809473-\$ or US-4053209-\$ or US-6399224-\$ or US-5416622-\$ or US-5757127-\$ or US-5846854-\$ or US-6280559-\$).did. or (US-3394031-\$).did. or (WO-0206889-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2010/03/23 05:15
L20	0	19 and taz	USPAT	OR	OFF	2010/03/23 05:15
L21	6270	(htl (hole adj transport\$4)) same nm	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 05:16
L22	5942	(hil (hole adj inject\$4)) same nm	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 05:16
L23	2249	"alq.sub.3" same nm	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 05:16
L24	1059	"alq3" same nm	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 05:16
L25	3208	L23 or L24	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 05:16
L26	122	L21 and L22 and L25 and electron adj transport\$4 with taz	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 05:16
S1	1	"5724175".pn.	USPAT	OR	OFF	2010/03/16 09:08
S2	1	"4874229".pn.	USPAT	OR	OFF	2010/03/16 09:09
S3	1	"6456003".pn.	USPAT	OR	OFF	2010/03/16 09:10
S4	1	"5164799".pn.	USPAT	OR	OFF	2010/03/16 09:10
S5	2	"20040053125"	US-PGPUB; USPAT	OR	OFF	2010/03/16 09:10
S6	3	"20040053125"	US-PGPUB; USPAT; DERWENT	OR	OFF	2010/03/16 09:12

S7	1	2002-339159.NRAN.	DERWENT	OR	OFF	2010/03/16 09:12
S8	1	(10/312556).APP.	USPAT; USOCR	OR	OFF	2010/03/16 09:21
S9	362	electrochromic with electroluminescent	USPAT; USOCR	OR	OFF	2010/03/16 09:31
S10	49	electrochromic with electroluminescent and "313"/\$	USPAT; USOCR	OR	OFF	2010/03/16 09:32
S11	19	electrochromic with electroluminescent and "313"/498-512.ccls.	USPAT; USOCR	OR	OFF	2010/03/16 09:32
S12	0	electrochromic with electroluminescent with substitut\$3	USPAT; USOCR	OR	OFF	2010/03/16 09:37
S13	0	electrochromic with electroluminescent with substitut\$3	USPAT; USOCR	OR	ON	2010/03/16 09:37
S14	30	electrochromic with electroluminescent with chang\$3	USPAT; USOCR	OR	ON	2010/03/16 09:37
S15	10	"batio.sub.3" with "150 nm"	USPAT; USOCR	OR	ON	2010/03/16 09:58
S16	0	"ba tio.sub.3" with "150 nm"	USPAT; USOCR	OR	ON	2010/03/16 09:59
S17	6	("batio.sub.3" "si.sub.3n. sub.4" "si.sub.3 n.sub.4") same active with sulfides	USPAT; USOCR	OR	ON	2010/03/16 10:01
S18	851	("batio.sub.3" "si.sub.3n. sub.4" "si.sub.3 n.sub.4") same (srs "zn.sub.2sio. sub.4" "zn.sub.2 si o.sub.4" "zn.sub.2 sio.sub.4" "zn. sub.2geo.sub.2" "zn.sub.2 ge o.sub.2" "zn.sub.2 geo. sub.2" "zn ga.sub.2o.sub.4" "zn ga.sub.2 o.sub.4" "zn ga.sub.2 o.sub.4")	USPAT; USOCR	OR	ON	2010/03/16 10:20
S19	15	((("batio.sub.3" "si.sub.3n. sub.4" "si.sub.3 n.sub.4") with thick\$4) same ((srs "zn.sub.2sio. sub.4" "zn. sub.2 si o.sub.4" "zn.sub.2 sio.sub.4" "zn.sub.2geo. sub.2" "zn.sub.2 ge o. sub.2" "zn.sub.2 geo. sub.2" "zn ga.sub.2o.sub.4" "zn ga.sub.2 o.sub.4" "zn ga.sub.2 o.sub.4") with thick\$4)	USPAT; USOCR	OR	ON	2010/03/16 10:20

S20	2	(("batio.sub.3" "si.sub.3n. sub.4" "si.sub.3 n.sub.4") with thick\$4) same ((srs "zn.sub.2sio.sub.4" "zn. sub.2 si o.sub.4" "zn.sub.2 sio.sub.4" "zn.sub.2geo. sub.2" "zn.sub.2 ge o. sub.2" "zn.sub.2 geo. sub.2" "znga.sub.2o.sub.4" "zn ga.sub.2 o.sub.4" "znga.sub.2 o.sub.4") with thick\$4)	USPAT; USOCR	OR	OFF	2010/03/16 10:21
S21	0	"10530062"	USPAT; USOCR	OR	OFF	2010/03/16 10:23
S22	2	"10/530062"	USPAT; USOCR	OR	OFF	2010/03/16 10:23
S23	3	"10/530062"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/16 10:24
S24	5474	313/506.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/16 10:35
S25	2	"20060087225"	US-PGPUB; USPAT	OR	OFF	2010/03/16 14:18
S26	16	hil with "5" adj nm	USPAT; USOCR	OR	ON	2010/03/23 00:21
S27	1	hil with "5" adj nm and htl with "50" adj nm	USPAT; USOCR	OR	ON	2010/03/23 00:21
S28	0	hil with "5" adj nm and transport with hole with "50" adj nm	USPAT; USOCR	OR	ON	2010/03/23 00:22
S29	25	hole with inject\$4 with "5" adj nm and transport\$4 with hole with "50" adj nm	USPAT; USOCR	OR	ON	2010/03/23 00:22
S30	15	hole with inject\$4 with "5" adj nm and transport\$4 with hole with "50" adj nm and "100" adj nm and electron with transport\$4 with "50" adj nm	USPAT; USOCR	OR	ON	2010/03/23 00:23
S31	0	((hole adj inject\$3) HIL) with ((copper or zinc) with phthalocyanine) PEDT/PSS) with thick\$4 and ((hole adj transport\$4) HTL) with (TPD or alpha-NPD) with thick\$4 and A1Q3 and (etl (electron adj transport\$4)) with TAZ	USPAT; USOCR	OR	ON	2010/03/23 00:58

S32	0	((hole adj inject\$3) HIL) with ((copper or zinc) with phthalocyanine) PEDT/PSS) with thick\$4 and ((hole adj transport\$4) HTL) and (TPD or alpha-NPD) with thick\$4 and A1Q3 and (etl (electron adj transport\$4)) with TAZ	USPAT; USOCR	OR	ON	2010/03/23 00:58
S33	0	ppv with 100nm	USPAT; USOCR	OR	ON	2010/03/23 00:58
S34	124	ppv with "100" adj nm	USPAT; USOCR	OR	ON	2010/03/23 00:59
S35	4	ppv with "100" adj nm and pedt/pss	USPAT; USOCR	OR	ON	2010/03/23 00:59
S36	0	ppv with "100" adj nm and pedt/pss with "50" adj nm	USPAT; USOCR	OR	ON	2010/03/23 00:59
S37	4	pedt/pss with "50" adj nm	USPAT; USOCR	OR	ON	2010/03/23 00:59
S38	12935	(htl (hole adj transport\$4))	USPAT; USOCR	OR	ON	2010/03/23 01:02
S39	1431	(htl (hole adj transport\$4)) with nm	USPAT; USOCR	OR	ON	2010/03/23 01:03
S40	1337	(hil (hole adj inject\$4)) with nm	USPAT; USOCR	OR	ON	2010/03/23 01:03
S41	1824	"alq.sub.3"	USPAT; USOCR	OR	ON	2010/03/23 01:03
S42	711	"alq.sub.3" with nm	USPAT; USOCR	OR	ON	2010/03/23 01:03
S43	309	"alq3" with nm	USPAT; USOCR	OR	ON	2010/03/23 01:03
S44	1005	S42 or S43	USPAT; USOCR	OR	ON	2010/03/23 01:03
S45	711	S41 and S42 and S44	USPAT; USOCR	OR	ON	2010/03/23 01:04
S46	318	S39 and S40 and S44	USPAT; USOCR	OR	ON	2010/03/23 01:04
S47	1213	(etl (electron adj transport \$4)) with nm	USPAT; USOCR	OR	ON	2010/03/23 01:05
S48	253	S46 and S47	USPAT; USOCR	OR	ON	2010/03/23 01:05
S49	0	S46 and S47 and pedt/pss	USPAT; USOCR	OR	ON	2010/03/23 01:12
S50	0	S46 and S47 and "pedt/pss"	USPAT; USOCR	OR	ON	2010/03/23 01:12
S51	186	"pedt/pss"	USPAT; USOCR	OR	ON	2010/03/23 01:12

S52	32	"pedt/pss" with (hil (hole adj inject\$4))	USPAT; USOCR	OR	ON	2010/03/23 01:12
S53	4515	(htl (hole adj transport\$4)) with nm	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 01:17
S54	4028	(hil (hole adj inject\$4)) with nm	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 01:17
S55	1984	"alq.sub.3" with nm	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 01:17
S56	865	"alq3" with nm	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 01:18
S57	2795	S55 or S56	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 01:18
S58	2293	S54 and S54 and "35"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 01:18
S59	1006	S53 and S54 and S57	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 01:18
S60	624	S53 and S54 and S57 and (ETL (electron adj inject \$4)) with nm	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 01:19
S61	850	S53 and S54 and S57 and (ETL (electron adj transport \$4)) with nm	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 01:22
S62	6270	(htl (hole adj transport\$4)) same nm	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 01:23
S63	5942	(hil (hole adj inject\$4)) same nm	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 01:24
S64	2249	"alq.sub.3" same nm	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 01:24
S65	1059	"alq3" same nm	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 01:24
S66	3208	S64 or S65	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 01:24
S67	1339	S62 and S63 and S66	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 01:24
S68	1104	S62 and S63 and S66 and electron adj transport\$4 same nm	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 01:25
S69	122	S62 and S63 and S66 and electron adj transport\$4 with taz	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 01:35

S70	32	("batio.sub.3" "si.sub.3n. sub.4" "si.sub.3 n.sub.4") same (srs "zn.sub.2sio. sub.4" "zn.sub.2 si o.sub.4" "zn.sub.2 sio.sub.4" "zn. sub.2geo.sub.2" "zn.sub.2 ge o.sub.2" "zn.sub.2 geo. sub.2" "znga.sub.2o.sub.4" "zn ga.sub.2 o.sub.4" "znga.sub.2 o.sub.4") and zns:mn	USPAT; USOCR	OR	ON	2010/03/23 01:52
S71	49	("batio.sub.3" "si.sub.3n. sub.4" "si.sub.3 n.sub.4") same (srs "zn.sub.2sio. sub.4" "zn.sub.2 si o.sub.4" "zn.sub.2 sio.sub.4" "zn. sub.2geo.sub.2" "zn.sub.2 ge o.sub.2" "zn.sub.2 geo. sub.2" "znga.sub.2o.sub.4" "zn ga.sub.2 o.sub.4" "znga.sub.2 o.sub.4") and (zns:mn srs:ce "zn.sub.2sio. sub.4:mn")	USPAT; USOCR	OR	ON	2010/03/23 01:53
S72	124	(ppv ppp do-ppp meh-ppv cn-ppv) with "100" adj nm	USPAT; USOCR	OR	ON	2010/03/23 02:02
S73	4	S72 and pedt/pss	USPAT; USOCR	OR	ON	2010/03/23 02:02
S74	0	S72 and pedt/pss with S72	USPAT; USOCR	OR	ON	2010/03/23 02:02
S75	0	S72 and pedt/pss with 50nm	USPAT; USOCR	OR	ON	2010/03/23 02:02
S76	0	S72 and pedt/pss with nm	USPAT; USOCR	OR	ON	2010/03/23 02:02
S77	0	S72 and pedt/pss with thick	USPAT; USOCR	OR	ON	2010/03/23 02:02
S78	0	S72 and pedt/pss with thick \$4	USPAT; USOCR	OR	ON	2010/03/23 02:02
S79	16	"0686662"	USPAT; USOCR; EPO	OR	ON	2010/03/23 02:07
S80	8	"ep 0686662"	USPAT; USOCR; EPO	OR	ON	2010/03/23 02:07
S81	3	S72 and pedt-pss	USPAT; USOCR	OR	ON	2010/03/23 02:07
S82	6531	electrochromic with electroluminescent with electrochemical and "313"/498-512.ccls.	USPAT; USOCR	OR	OFF	2010/03/23 02:23
S83	4	electrochromic with electroluminescent with electrochemical and "313"/498-512.ccls.	USPAT; USOCR	OR	OFF	2010/03/23 02:23

S84	7	electrochromic with electroluminescent with electrochemical and "313"/\$	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 02:26
S85	60	electrochromic with electroluminescent and "313"/\$	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 02:26
S86	89	electrochemical with electroluminescent and "313"/\$	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 03:09
S87	37	glazing with electroluminescent	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 03:20
S88	5	glazing with electroluminescent with transparent	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 03:20
S89	1	glaze with electroluminescent with transparent	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 03:25
S90	91	transparent adj electroluminescent with transparent	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 03:26
S91	57	window with electroluminescent with transparent	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 03:30
S92	38	vehicle with electroluminescent with transparent	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 03:31
S93	46	vehicle with electroluminescent with transparent	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 03:31

### EAST Search History (Interference)

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